

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy  
of this report are to be  
filed with the

**WATER WELL REPORT**  
STATE OF OREGON  
(Please type or print)

DESC  
NC  
37/18

State Well No. 165/138-4ab  
State Permit No. \_\_\_\_\_

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

**RECEIVED**

(1) OWNER: JUN 15 1977  
Name Mr. William Durfee  
Address 785 N. Canyon Drive  
Redmond, Oregon 97756

(2) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:  
Rotary  Cable  Dug   
Driven  Jetted  Bored   
(4) PROPOSED USE (check):  
Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

CASING INSTALLED:  
Threaded  Welded   
6 " Diam. from + 1 1/2 ft. to 19 1/2 ft. Gage 250  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

PERFORATIONS: Perforated?  Yes  No.  
Type of perforator used \_\_\_\_\_  
Size of perforations \_\_\_\_\_ in. by \_\_\_\_\_ in.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
\_\_\_\_\_ perforations from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(7) SCREENS: Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom?  
Yield: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
" \_\_\_\_\_ " " " "  
" \_\_\_\_\_ " " " " "  
Bailer test 15 gal./min. with  ft. drawdown after 1 hrs.  
Artesian flow \_\_\_\_\_ g.p.m.

Temperature of water 52 Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:  
Well seal—Material used Cement  
Well sealed from land surface to 19 1/2 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 7 sacks  
Number of sacks of bentonite used in well seal None sacks  
Brand name of bentonite \_\_\_\_\_  
Number of pounds of bentonite per 100 gallons \_\_\_\_\_  
of water \_\_\_\_\_ lbs./100 gals.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(10) LOCATION OF WELL:  
County Deschutes Driller's well number \_\_\_\_\_  
NW 1/4 NE 1/4 Section 4 T. 15S R. 13E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.  
Depth at which water was first found 270 ft.  
Static level 240 ft. below land surface. Date 2/24/77  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG: Diameter of well below casing 8"  
Depth drilled 295 ft. Depth of completed well 295 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<u>Overburden</u>	<u>0</u>	<u>2</u>	
<u>Lava - mild</u>	<u>2</u>	<u>80</u>	
<u>Cinders - red</u>	<u>80</u>	<u>100</u>	
<u>Cong. - brown</u>	<u>100</u>	<u>270</u>	<u>240</u>
<u>Sandstone - br. water-bearing</u>	<u>270</u>	<u>295</u>	

Work started 2/22/1977 Completed 2/24/1977  
Date well drilling machine moved off of well 2/24/1977

Drilling Machine Operator's Certification:  
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] William D. Davidson Date 4/28/1977  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 803

Water Well Contractor's Certification:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
Name Davidson Drilling Inc.  
(Person, firm or corporation) (Type or print)  
Address 626 NW Pershall Way Redmond, Ore. 97756  
[Signed] Mr. Davidson  
(Water Well Contractor)  
Contractor's License No. 548 Date 4/28/1977